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TITLE : VACUUM UNIT

ABSTRACT : PURPOSE: To shorten the time to obtain vacuum by providing a branch of a vacuum sub-container between a vacuum container and a vacuum pump.

CONSTITUTION: A vacuum sub-container 9 is connected between a vacuum container 6 and a vacuum pump 4 with a branch pipe 7 and a valve 8 between. This vacuum sub-container 9 is previously evacuated by the vacuum pump 4. For lowering the atmospheric pressure in the vacuum container 6 by the vacuum pump 4, if the pressure in the vacuum container 6 is lower than that in the vacuum sub-container 9, the valve 8 is opened to lower the pressure inside the vacuum container 6 rapidly, serving to shorten the time to obtain vacuum.

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